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December 19, 1988

SUPERFUND PROGRAM  
MANAGEMENT BRANCH

Ms. Susan Swales (5HS-11)  
Waste Management Division  
U.S. EPA - Region V  
230 South Dearborn Street  
Chicago, Illinois 60604

Ref: Himco Landfill Site  
Elkhart, IN

EPA letter received November 14, 1988

Dear Ms. Swales:

Please be advised that from April 1971 to July 1, 1984 this facility was owned and operated by Firestone Foam Products, a Division of Firestone Tire and Rubber Company.

To the best of my knowledge there have been no significant changes in the manufacturing process and raw material used as a result of the ownership change. The following is the information requested.

**Please refer to page 2 of 4, items 1 thru 8 of EPA letter regarding the referenced landfill site.**

1. Foamex Products is a manufacturer of flexible polyurethane foam for the automotive, bedding, and furniture industries.

Polyurethane foam is a product of chemical reactions that take place with TDI, polyol, and water. Water reacts with TDI to generate carbon dioxide in a liquid medium which is polymerizing as a result of the reaction between polyol and TDI. Expansion of the polymer occurs and carbon dioxide is generated, thus forming a cellular polymer network of interconnecting cells.

The carbon dioxide gas formed by the reaction of TDI and water escapes into the atmosphere along with any Freon and is replaced by atmospheric air. Polyurethane foam is a porous material through which air flows freely.

Most chemicals used are purchased in bulk quantities (polyol, TDI, silicone, Freon, etc.), temperature conditioned, and precisely metered as separate streams or components of a blend/batch to a mixing station. Mixing is continuous and at high-speeds to obtain an homogeneous mix.

The materials are discharged from the mixer into a forming device where the polymerization and expansion begins to take place. The material is then taken away via a series of driven side and bottom conveyors which are adjustable in width and speed -- two variables used to control the size of the material produced.

The blocks of urethane foam vary in size depending on the product mix required. For roll goods usually the blocks are produced as long as 200' and for miscellaneous automotive, bedding, and/or furniture items, the standard block length is approximately 96". Since the chemical reactions involved are exothermic, all foams produced are air cured.

**Wastes generated are:**

- a.) Meth. Chloride flush,
- b.) paper & cardboard,
- c.) plastic film,
- d.) foam, etc.

Non-hazardous waste is handled in trash containers and disposed in local land-fills. When hazardous waste is generated it is manifested and disposed consistent with RCRA regulations.

**Foamex Products SIC number is "3079".**

**2. Companies used to dispose of wastes and contact person at respective company:**

**COMPANY NAME**

**CONTACT PERSON**

**Non-Hazardous Waste**

Himco Waste Away  
P.O. Box 1268  
Elkhart, IN 46515

Mr. Charles Hines

**Hazardous Waste**

Pollution Control Industries of America  
4343 Kennedy Avenue  
E. Chicago, IN 46312

Ms. Mary Pardinek

Hukill  
7013 Krick Road  
Bedford, Ohio 44146

Mr. R.L. Hukill

Oil Service Company, Inc.  
202 Hill Street  
P.O. Box 1203  
Columbia, TN 38402-1203

Mr. Keith Reinhardt

COMPANY NAME

CONTACT PERSON

**Hazardous Waste (continued)**

Ashland Chemical Co.  
1817 West Indiana Avenue  
South Bend, IN 46613

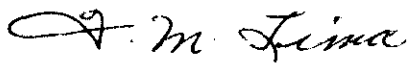
Mr. Rosco Sazdenoff

The individual responsible for managing waste disposal at this facility is Mr. D.C. Anderson.

3. Foamex Products have no control on choice of site used by Himco Waste Away. To the best of my knowledge only non-hazardous waste has been handled by Himco Waste Away and disposed at an approved city landfill.
4. Copies of all purchase orders issued to Himco Waste Away are attached herewith.
5. To the best of my knowledge only solid waste (paper, plastic, cardboard, and scrapfoam, etc.) has been handled by Himco Waste Away and disposed at the landfill.
6. The estimated volume of solid waste disposed is approximately 1800 cu. yds./year.
7. **Not applicable.** To the best of my knowledge no Foamex Products hazardous waste was handled by Himco Waste Away.
8. Enclosed is the current list of **liability coverage** carried by Knoll International Holding Company (KIHI), Foamex Products, Inc. parent company.

If there are any further questions or additional data required, please contact me at (219) 294-5663 or Mr. A.R. Pereira, Manager/Engineering, at Foamex Products Headquarters (401) 438-0900.

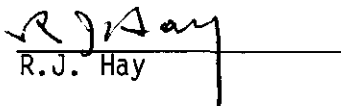
Sincerely,



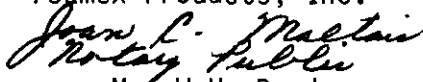
F.M. Lima  
Plant Manager

FML/r

I certify that all information contained herein is true and accurate to the best of my knowledge.

  
R.J. Hay

President  
Foamex Products, Inc.

  
Joan L. Maltini

cc: Mr. W.H. Bundy  
Mr. A.R. Pereira  
Mr. Phil Smith - KIH  
Mr. Steve Moser - Firestone

Attachments